

Infinity[™] C

Medical Image Server



CODONICS

Defining Image Distribution

Infinity™ C

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Overview

Infinity C Medical Image Server is a DICOM storage appliance that combines power and simplicity in a compact design for storing and retrieving medical images. Applications such as direct modality storage of large DICOM data sets or storage of digital images in an environment without a centralized image server are ideal for Infinity. Infinity makes the capabilities of complicated, rack-mounted image servers available to users without special IT skills and is designed for expansion. With an intuitive interface and many pre-configured features, users can setup and maintain their own Infinity image servers without being experts. Infinity is backed by Codonics global service and support network to provide years of worry free operation. When simple, affordable image storage is needed, Infinity is the answer.

Temporary Modality Storage

Infinity's unique design delivers performance and reliability in a compact, easy to use package. This makes Infinity an ideal storage solution for large, temporary datasets from CT, MR and other DICOM modalities. Thin slices, raw data, 3D reconstructions and multi-frame studies can be quickly saved and retrieved for future reconstruction or review. Automatic image management removes older studies tagged for temporary storage when space is needed. Infinity's small size and affordable price provides radiology departments with a simple solution that saves time and money when storing data not requiring long term archive on centralized servers.

Ease of Setup and Use

Infinity includes many preconfigured settings for common applications so users can begin utilizing the system quickly. While Infinity's default configuration can be up and running within minutes, it is also highly customizable with a rich set of features including DICOM store, query/retrieve, storage commit, on-the-fly image compression, workstation access control and temporary or permanent storage of images. Infinity provides a comprehensive set of system notifications and warnings using web, email, RSS and visual/audible alerts built into the system. You take your data seriously; so does Infinity.

Features/ Benefits

- Compact, all-in-one design provides an affordable solution for DICOM image storage
- High performance architecture for fast DICOM file transfers
- Optimized for large DICOM data sets including DICOM files over 2GB
- Redundant RAID hardware designed for years of dependable operation
- Simple system setup with pre-configured settings for non-technical personnel
- Optional JPEG lossless image compression increases storage capacity up to 2.5x
- Configurable access control with audit trails to assist with HIPAA compliance

Specifications

User Interface:	Web and Windows® remote desktop
Protocols:	DICOM 3.0 (store, storage commit, query/retrieve)
Storage:	Up to 3TB (enterprise-class 3.5" SATA-2 hard drives)
Performance:	25Mbytes/second (DICOM store)
Redundancy:	RAID5 for operating software, database and image data
Compression:	JPEG lossless or lossy compression of DICOM images (optional)
Alarms:	Drive failure, over-temperature warning, storage full, UPS status
Notifications:	Web, Email, RSS, built-in visual and audible alarms
Support:	Remote diagnostic/support via Internet (LogMeIn Rescue®)
UPS:	Fully integrated UPS support with auto-shutdown (optional)
Power:	Universal Input: 100-240VAC, 50/60 Hz, 120Watts
Dimensions:	5.5" (14 cm) W, 10.2" (26 cm) D, 10.2" (26 cm) H
Weight:	20 lbs. (9 kg.) with drives installed



Web User Interface



Call Codonics today at **800-444-1198** or visit www.codonics.com for more information.

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